

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063644.D
 Acq On : 24 Sep 2020 21:27
 Operator : JC/MD
 Sample : L4119-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20200921

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:17:14 PM

Quant Time: Sep 25 17:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	363698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171320	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	7.55	113	121000	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.06	98	477181	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.38	95	183784	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	3.72	101	6033m	2.712	ug/l	
12) 1,1-Dichloroethene	3.72	96	1400m	0.621	ug/l	
16) Acetone	3.78	43	2369	2.169	ug/l #	89
27) cis-1,2-Dichloroethene	6.78	96	4368	1.546	ug/l	94
30) Chloroform	7.33	83	2180m	0.438	ug/l	
38) Carbon Tetrachloride	7.74	117	1699	0.430	ug/l	93
44) Trichloroethene	8.80	130	1087500	405.367	ug/l	99
64) Tetrachloroethene	10.60	164	4737	1.840	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

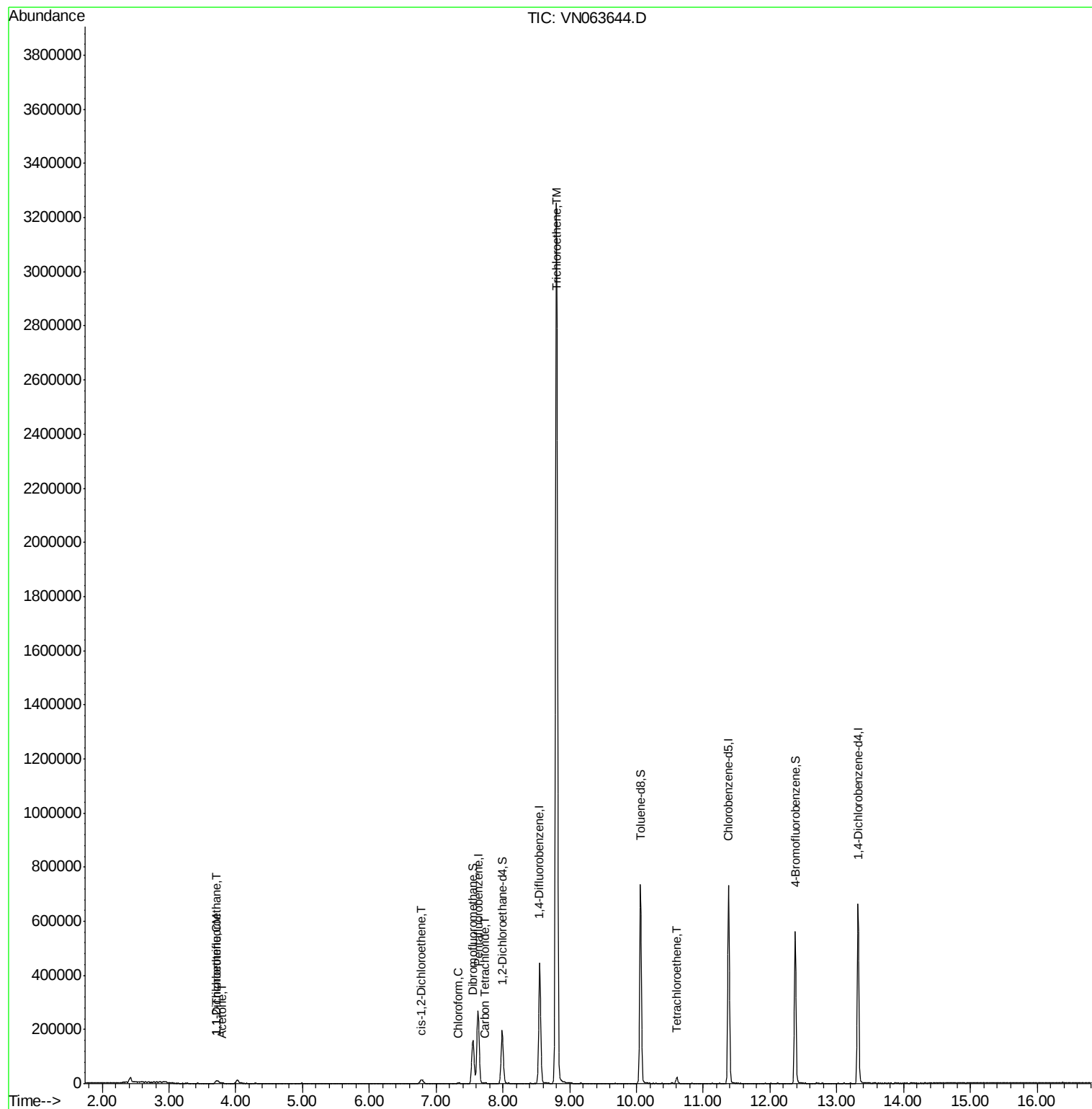
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063644.D
Acq On : 24 Sep 2020 21:27
Operator : JC/MD
Sample : L4119-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

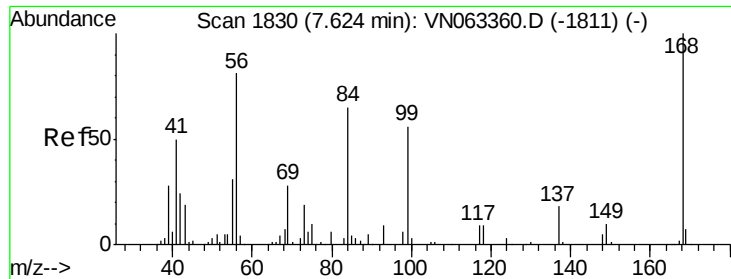
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20200921

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:17:14 PM

Quant Time: Sep 25 17:09:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20200921

Tot Ion:168 Resp: 199689

Ion Ratio Lower Upper

168 100

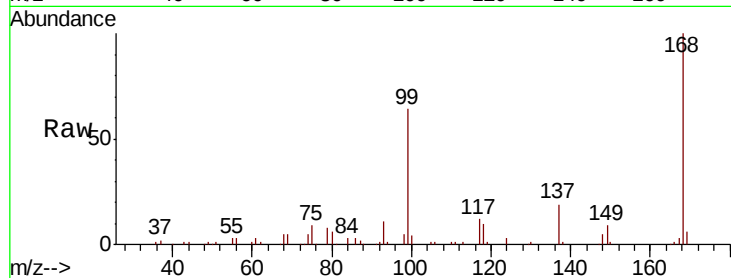
99 64.1 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

9/28/2020 5:17:14 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

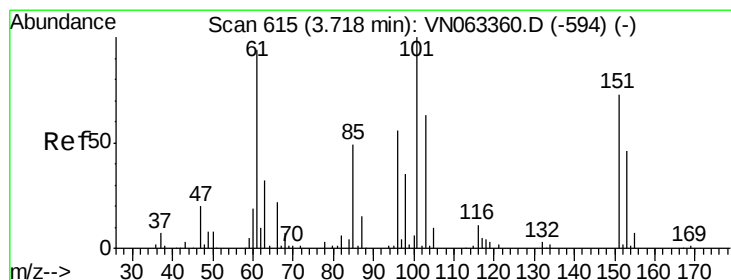
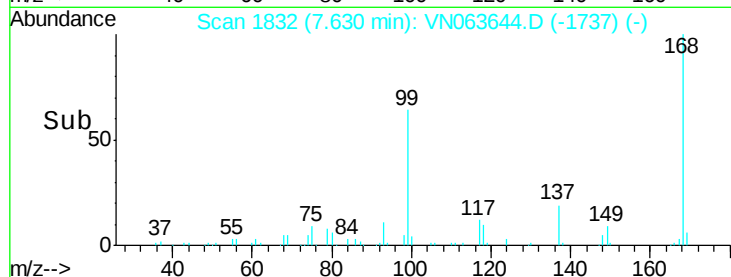
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.712 ug/l m

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

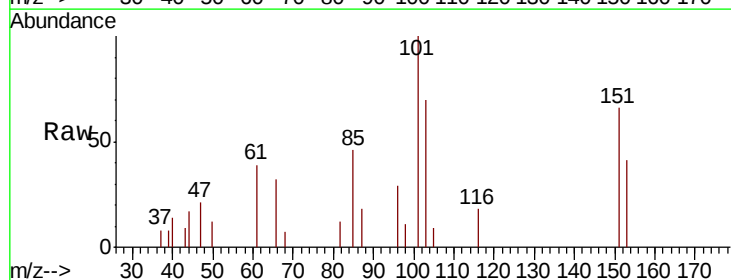
Tgt Ion:101 Resp: 6033

Ion Ratio Lower Upper

101 100

85 21.9 37.7 56.5#

151 43.0 57.7 86.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.72

2500

2000

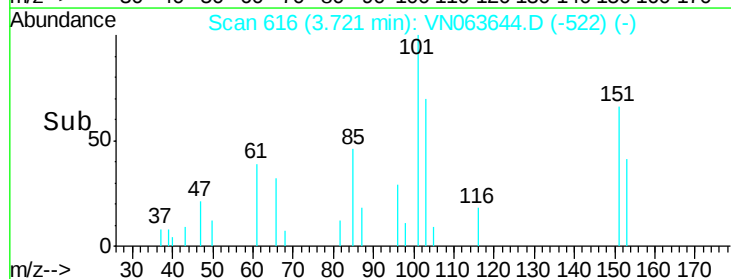
1500

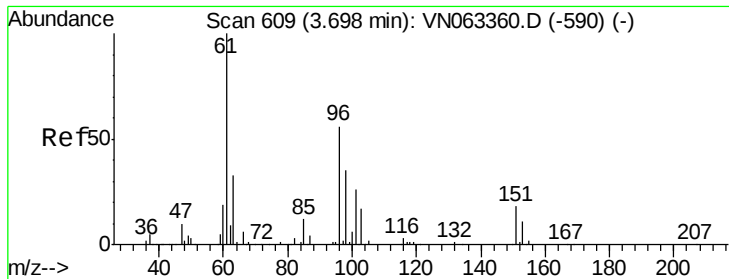
1000

500

0

Time--> 3.65 3.70 3.75 3.80





#12

1,1-Dichloroethene

Concen: 0.621 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.02 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

Instrument :

MSVOA_N

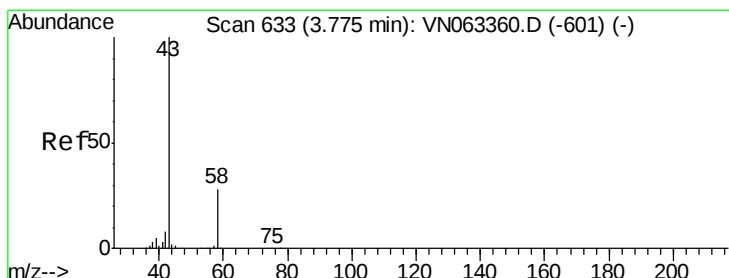
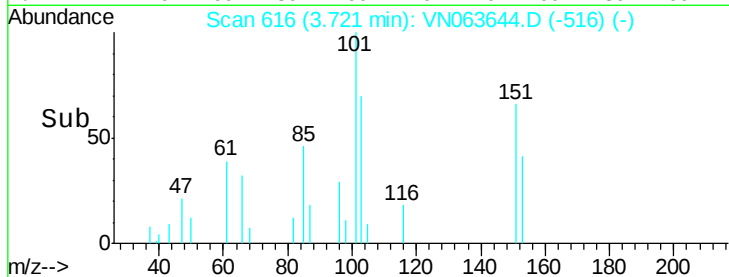
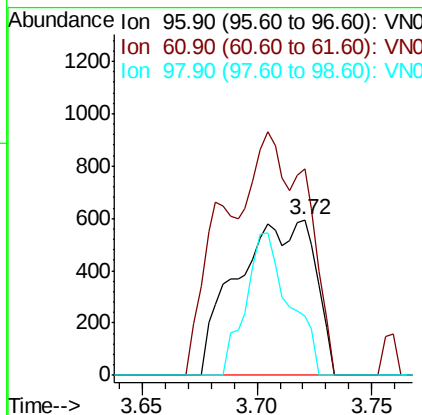
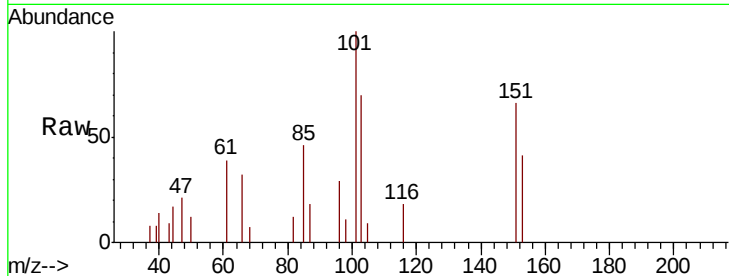
ClientSampleId :

RE122D1-20200921

Tot Ion:	96	Resp:	1400
Ion	Ratio	Lower	Upper
96	100		
61	132.9	143.4	215.2#
98	38.5	50.6	76.0#

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:17:14 PM



#16

Acetone

Concen: 2.169 ug/l

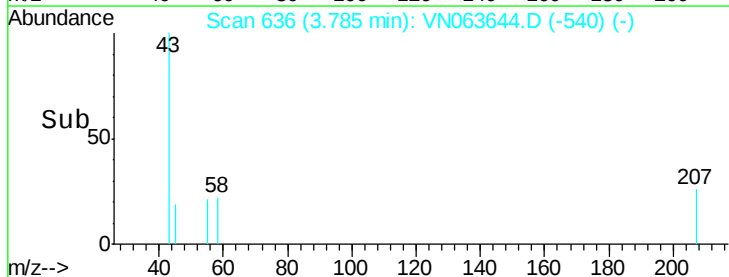
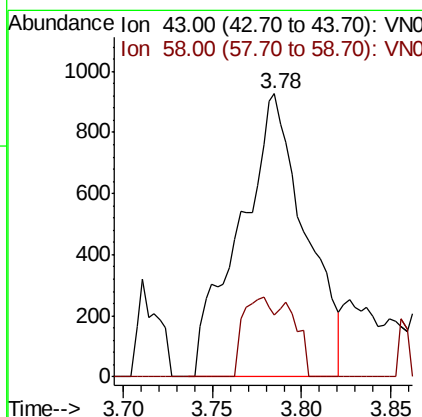
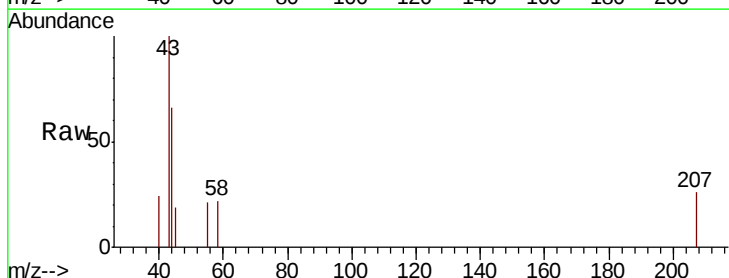
RT: 3.78 min Scan# 636

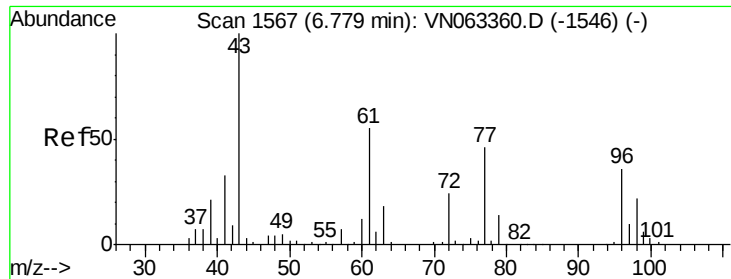
Delta R.T. 0.01 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

Tgt Ion:	43	Resp:	2369
Ion	Ratio	Lower	Upper
43	100		
58	21.9	22.3	33.5#





#27

cis-1,2-Dichloroethene

Concen: 1.546 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

Instrument :

MSVOA_N

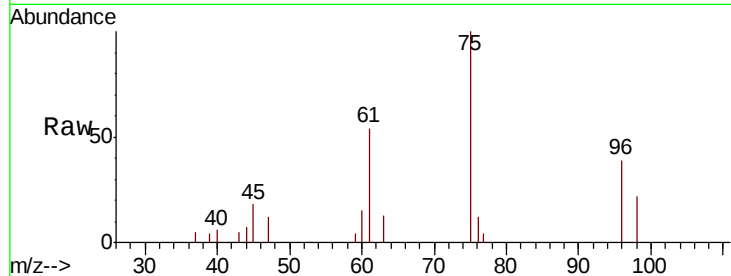
ClientSampleId :

RE122D1-20200921

Tot Ion:	96	Resp:	4368
Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	319.6
98	47.6	0.0	127.8

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:17:14 PM

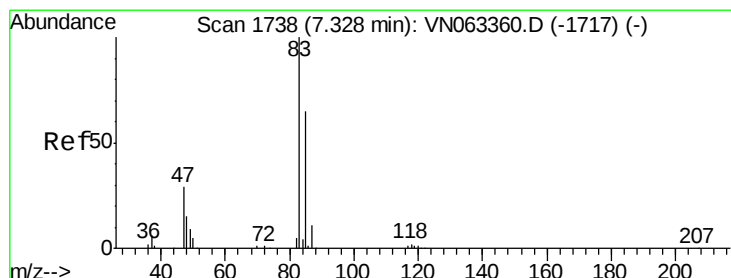
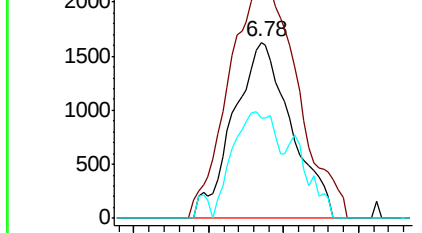
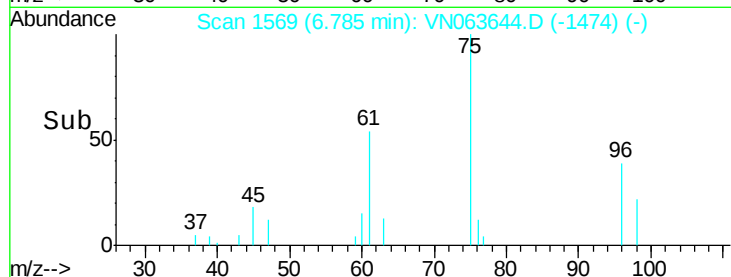


Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)

Time-->



#30

Chloroform

Concen: 0.438 ug/l m

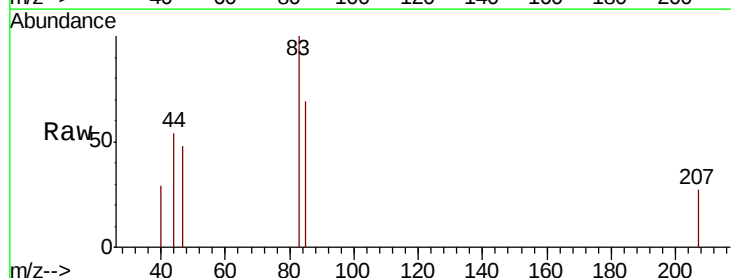
RT: 7.33 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

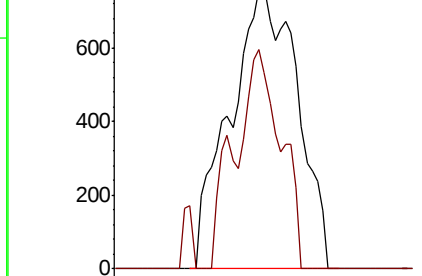
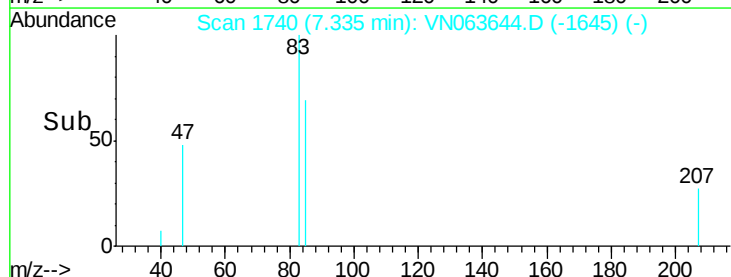
Tgt Ion:	83	Resp:	2180
Ion	Ratio	Lower	Upper
83	100		
85	69.4	52.1	78.1

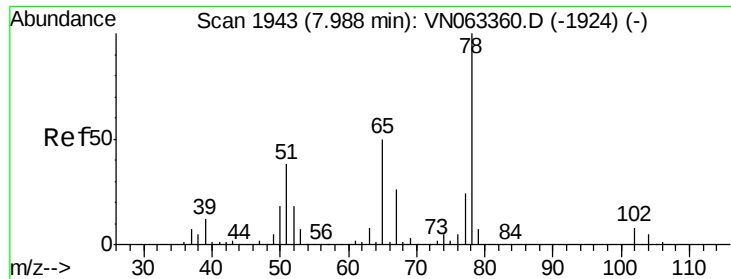


Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-1717) (-)

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.400 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20200921

Tot Ion: 65 Resp: 171320

Ion Ratio Lower Upper

65 100

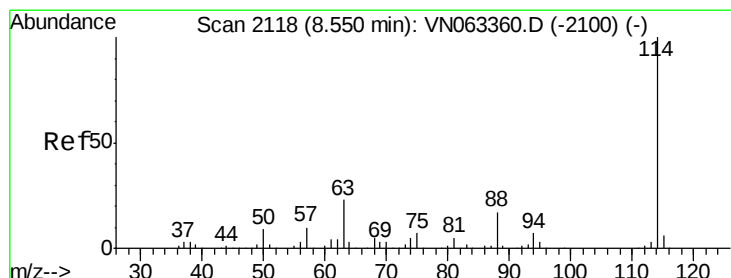
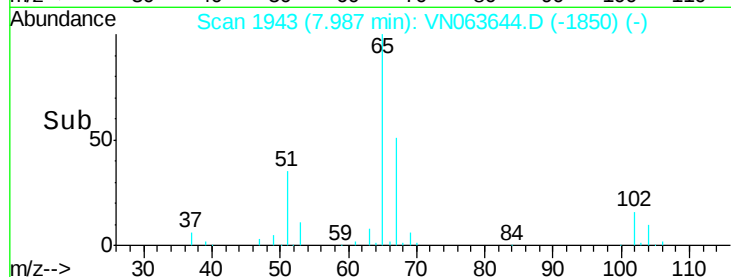
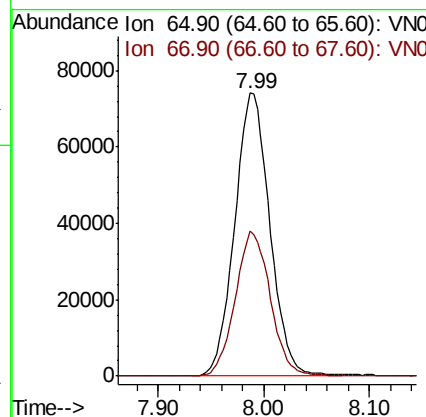
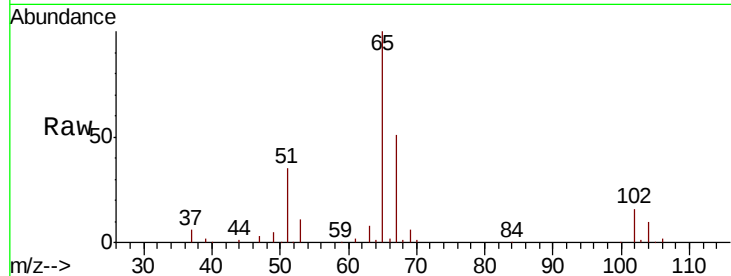
67 51.0 0.0 104.2

Manual Integrations

APPROVED

MMDadoda

9/28/2020 5:17:14 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

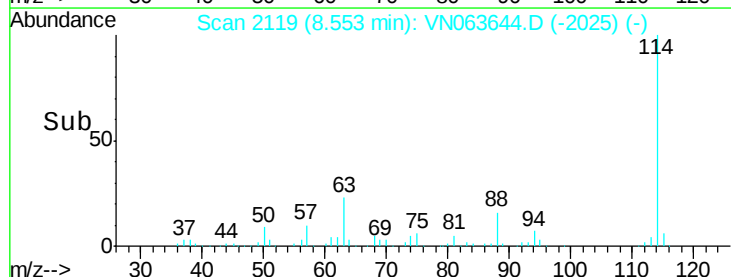
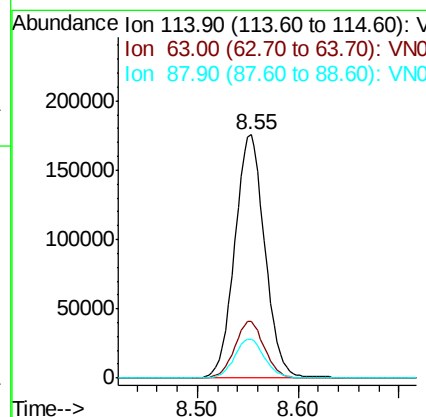
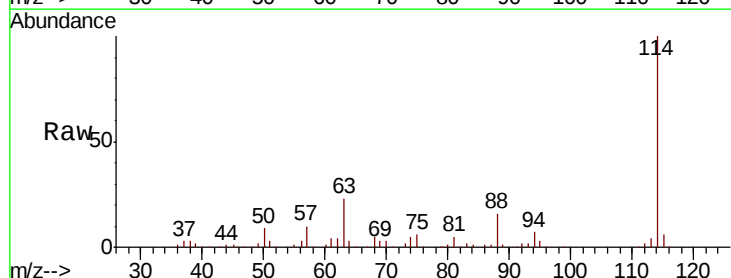
Tgt Ion: 114 Resp: 363698

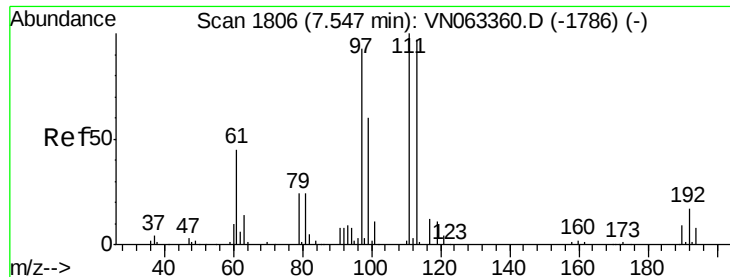
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

88 16.0 0.0 33.2





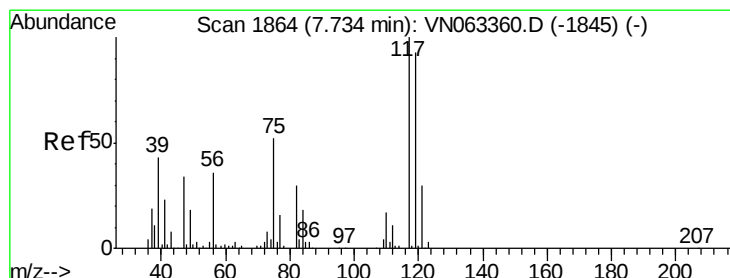
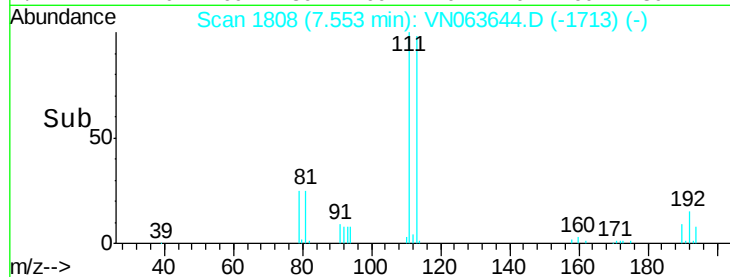
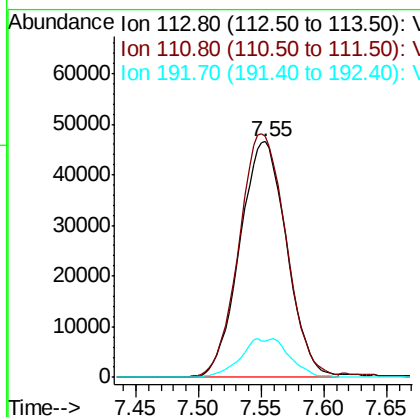
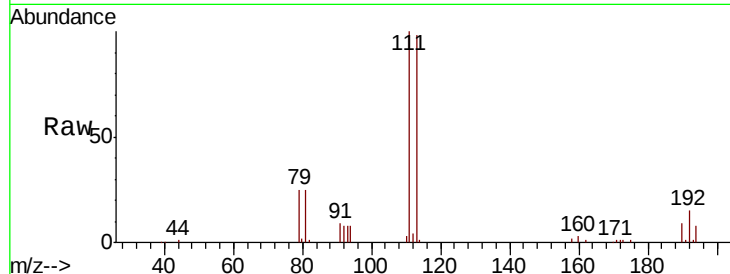
#35
 Dibromofluoromethane
 Concen: 48.058 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063644.D
 Acq: 24 Sep 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20200921

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.0	82.9	124.3	
192	9.1	13.9	20.9	

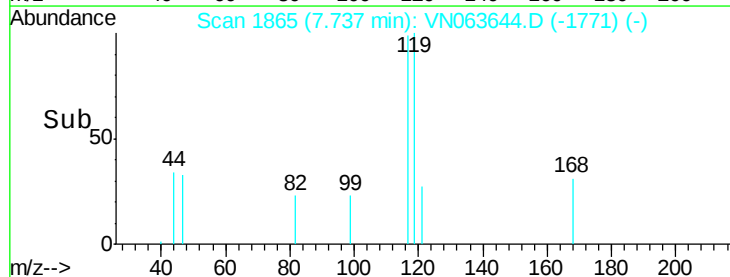
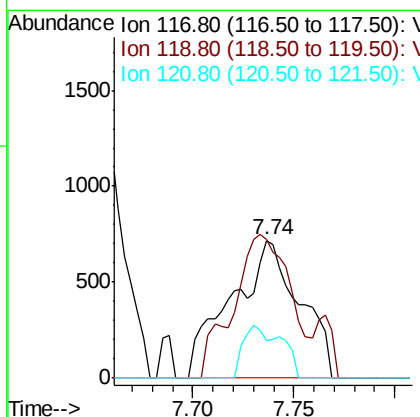
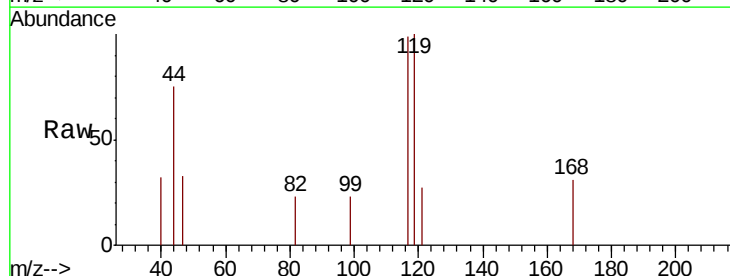
Manual Integrations
 APPROVED

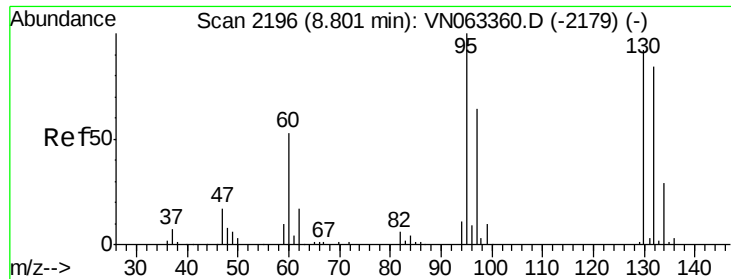
MMDadoda
 9/28/2020 5:17:14 PM



#38
 Carbon Tetrachloride
 Concen: 0.430 ug/l
 RT: 7.74 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN063644.D
 Acq: 24 Sep 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.7	74.5	111.7	
121	27.2	24.1	36.1	





#44

Trichloroethene

Concen: 405.367 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063644.D

Acq: 24 Sep 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20200921

Tot Ion:130 Resp: 1087500

Ion Ratio Lower Upper

130 100

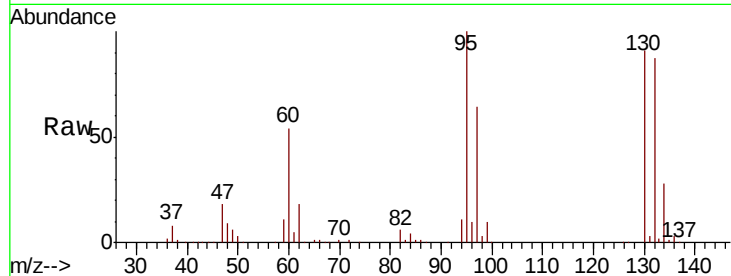
95 109.7 0.0 217.4

Manual Integrations

APPROVED

MMDadoda

9/28/2020 5:17:14 PM



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

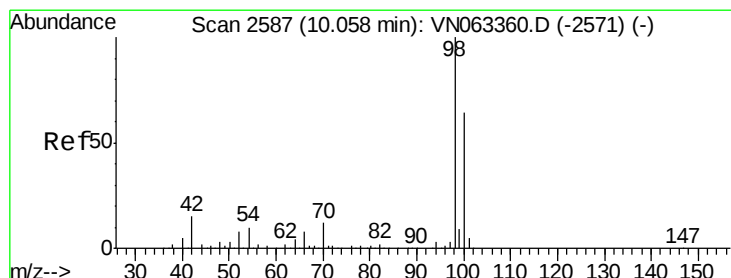
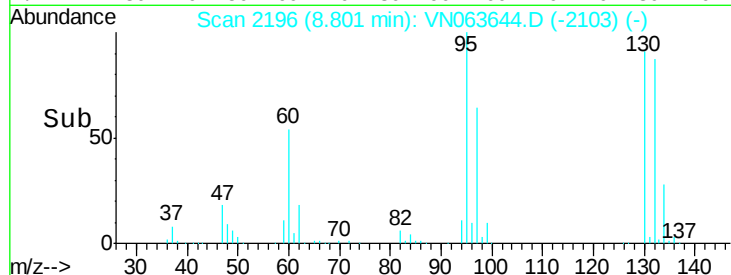
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 50.402 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063644.D

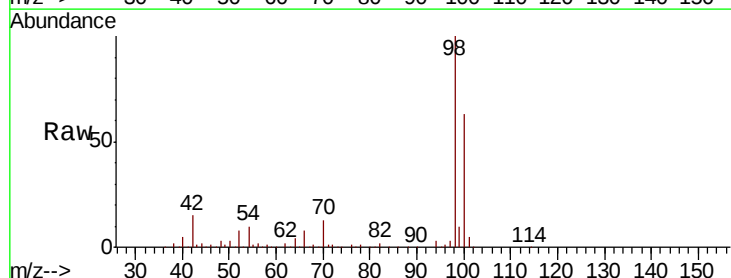
Acq: 24 Sep 2020 21:27

Tgt Ion: 98 Resp: 477181

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

300000

250000

200000

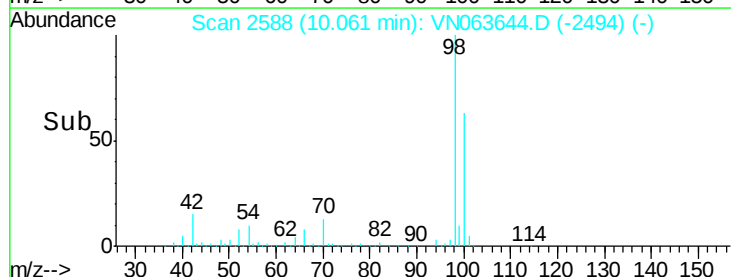
150000

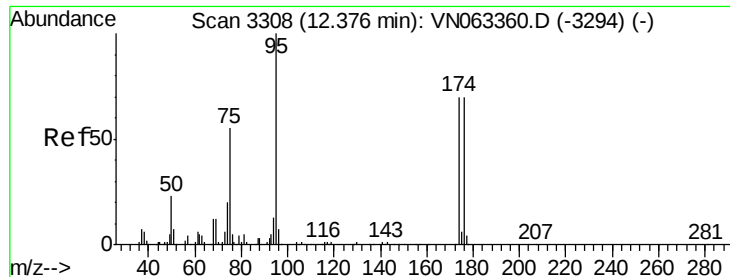
100000

50000

0

Time-->





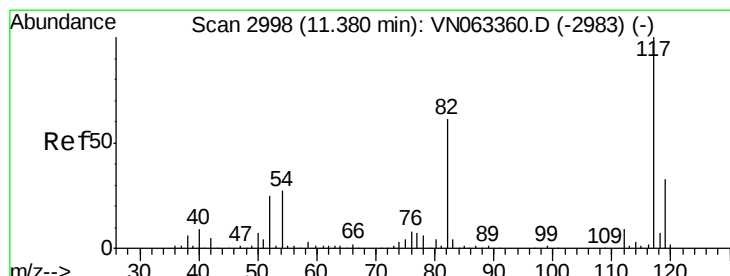
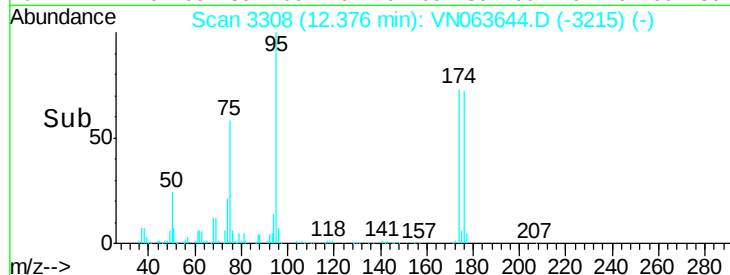
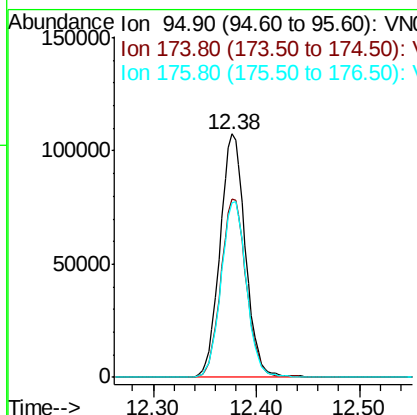
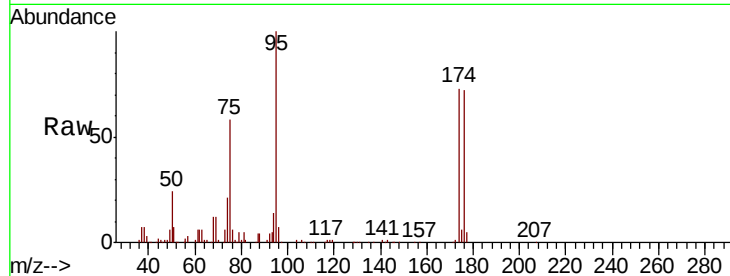
#62
4-Bromofluorobenzene
Concen: 52.955 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063644.D
Acq: 24 Sep 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20200921

Tot Ion	Ratio	Resp	Lower	Upper
95	100	183784		
174	73.2	0.0	140.8	
176	72.1	0.0	137.6	

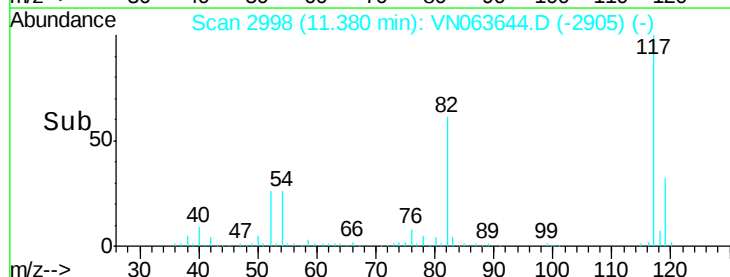
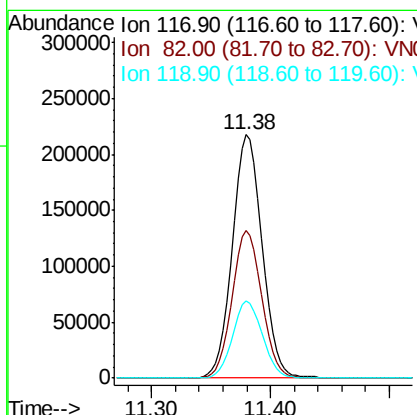
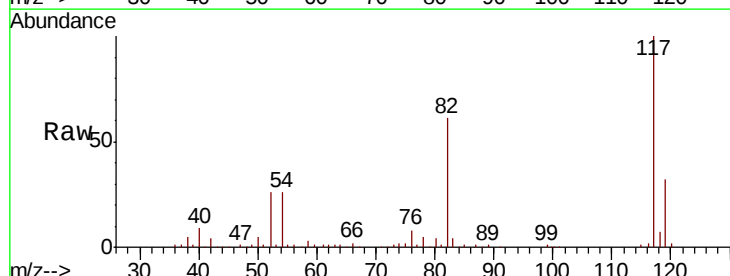
Manual Integrations
APPROVED

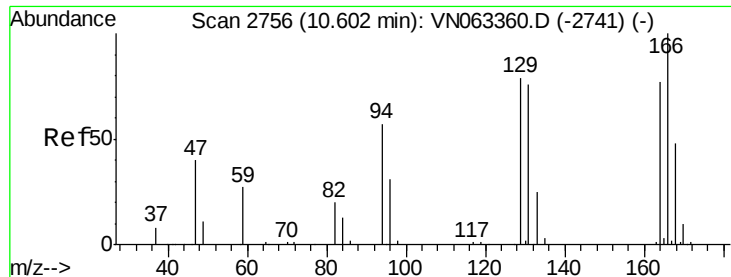
MMDadoda
9/28/2020 5:17:14 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063644.D
Acq: 24 Sep 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	378164		
82	60.7	49.2	73.8	
119	31.8	26.2	39.4	





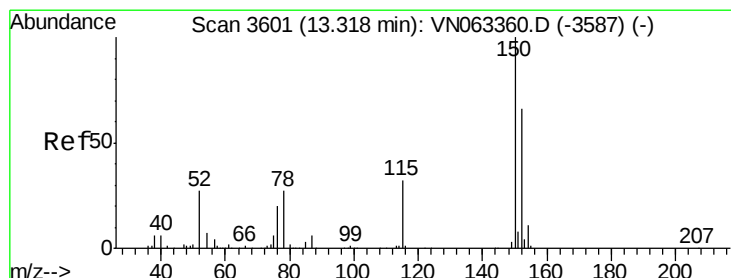
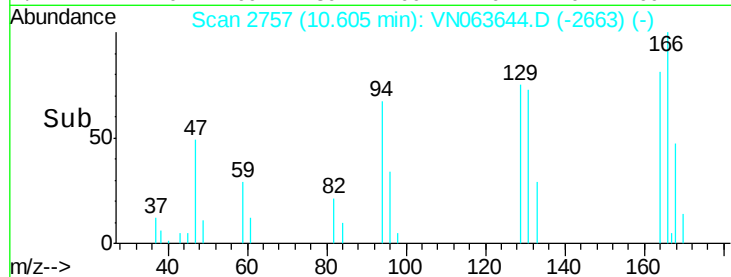
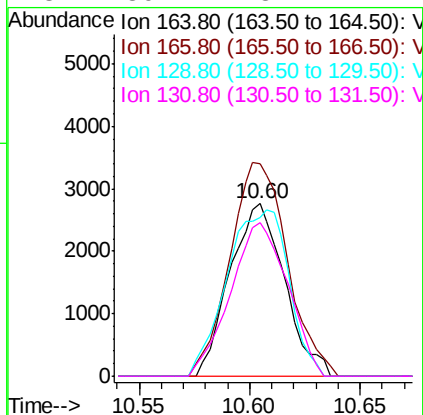
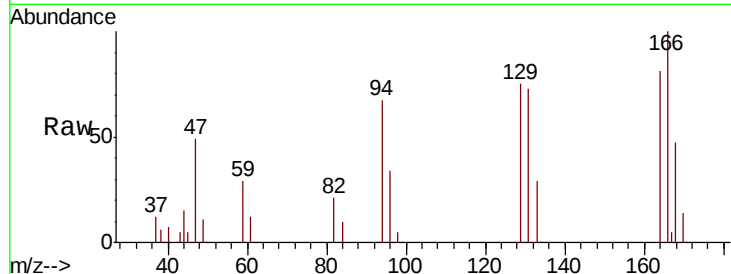
#64
Tetrachloroethene
Concen: 1.840 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063644.D
Acq: 24 Sep 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20200921

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.1	103.4	155.0
129	92.1	81.8	122.6
131	89.4	78.2	117.4

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:17:14 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063644.D
Acq: 24 Sep 2020 21:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.2	96.6
150	154.4	0.0	343.4

